

II. CLAIM AMENDMENTS

1. (Currently Amended) A method for refreshing memory cells in a dynamic memory comprising:

executing application programs under control of an operating system;

allocating the memory cells successively in the dynamic memory for the application programs;

using the memory cells for storing the application programs;

conducting refreshing to maintain the application programs in the memory cells;

dividing the application programs stored in the memory cells at a given time into application programs to be maintained and application programs not requiring maintenance,

wherein at least some of such memory cells which contain application programs not requiring maintenance, remain unrefreshed;

dividing the memory cells of the dynamic memory into two or more blocks which can be refreshed irrespective of each other;

storing information on the location of each application program to be executed and information on the quantity of memory allocated ~~by~~for each application program to be executed; and

utilizing the operating system to determine on the basis of said stored information which of said memory blocks contains information requiring maintenance,

wherein other memory blocks remain unrefreshed.

2. (Original) The method according to claim 1, characterized in that the dynamic memory (1) is a synchronous dynamic memory.

3. (Original) The method according to claim 1, characterized in that the dynamic memory (1) is an asynchronous dynamic memory.

4. (Currently Amended) An electronic device comprising:

a dynamic memory with memory cells for storing application programs;

means for refreshing the memory cells;

means for executing the application programs;

means for successively allocating a memory area from the dynamic memory for each application program for the duration of its execution;

means for deallocating said memory area after the execution of the application program;

means for dividing the memory cells into two or more blocks;

means for refreshing each block substantially irrespective of each other; and

means for defining the need to maintain at least one of the application programs to be stored at a given time,

wherein information on the need to maintain the at least one application program to be stored in the memory cells at a given time is arranged to be defined at least partly on the basis of the storage locations allocated for the application programs, and

wherein the means for refreshing the memory cells comprise means for "determining on the basis of said stored information which of said memory blocks includes application programs requiring maintenance, wherein other memory blocks are arranged to remain unrefreshed.

5. (Original) The electronic device (17) according to claim 4, characterized in that the dynamic memory (1) comprises a synchronous dynamic memory.

6. (Original) The electronic device (17) according to claim 4, characterized in that the dynamic memory (1) comprises an asynchronous dynamic memory.

7. (Previously Presented) The electronic device (17) according to claim 4, characterized in that it is a communication device comprising mobile station functions.